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TITLE: SOLAR STILL

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AMENDED SPECIFICATION PARAGRAPHS

Please replace paragraph 0006 with the following amended paragraph:

[0006] Therefore, according to a first aspect of the invention there is provided a solar still comprising: a hollow horizontally extending porous absorber body, ~~a substantially horizontally extending porous absorber body~~, a body positioner to expose the said porous absorber body to solar radiation, a feeder to introduce feed liquid into the said porous absorber body, a condenser of non-porous material that is substantially transparent to solar radiation, substantially enveloping the said porous absorber body, the said condenser being inclined slightly horizontally inclined downwardly, a flow control controller to regulate the rate of flow of feed liquid into the said porous absorber body, said rate of flow regulated to achieve an operating temperature of said feed liquid in said porous absorber body, and a harvester for the removal of distillate from the said condenser, wherein ~~said still operates at a temperature of greater than 80° Celsius~~, wherein said porous absorber body extends between two ends, the first end being open to receive said feed liquid and the second end being closed to prevent flow of said feed liquid therefrom.

Please replace paragraph 0026 with the following amended paragraph:

[0026] The distillate trickles down to the lower ends of the non-porous ~~tubes 14~~ tubes 14 and discharges through harvesting means, comprising outlet spouts 15 and a collection gutter 16, for delivery into an appropriate storage vessel.

Please replace paragraph 0029 with the following amended paragraph:

[0029] The active embodiment of the invention illustrated by figures 3 to 7 includes an absorber body/condenser combination similar in construction and materials and identical in function to each of the elemental porous ~~tube 8/non-porous tube 8~~ and non-porous tube 14 combinations of the illustrated passive embodiment.

Please replace paragraph 0041 with the following amended paragraph:

[0041] Those tracking means further comprise a horizontal, circular rack 46 fixed to the base 27. The horizontal rack 46 is centered on the axis of rotation of the turntable 26 and is engaged by a second pinion 47 on the output shaft of a second geared motor 48, so that rotation of the pinion 47 causes the reflector 22, the porous ~~tube 14~~ porous tube 8, the non-porous tube 14 and their adjuncts to rotate as one with the turntable 26 about a vertical axis intersecting the mid-point of the focal line of the reflector 22.

Please replace paragraph 0046 with the following amended paragraph:

[0046] Those flushing means may comprise a catchment gutter 50 (see figures 6 and 7) of the same material as that of the non-porous tube ~~24~~ tube 14. The gutter 50 extends between the end-caps 36 and 37 below the porous tube 8. It falls slightly towards end-cap 37, and discharges into a waste pipe 51 extending through the support bar 29 and an appropriate sealing fitting in the end-cap 37. When flushing is required the control unit simply overrides the signals from the thermometric element and fully opens the flow control valve. At other times the catchment gutter 50 and waste pipe 51 operate to catch and dispose of any drips of feed liquid from the porous tube 8 that may arise due to inaccurate functioning of the flow control means, so as to avoid contamination of the distillate.